

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/008591

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 303 285 A (KERIHUEL JEAN-BERNARD ET AL) 12 April 1994 (1994-04-12) column 1, line 1 - column 3, line 22 column 4, lines 14-37 column 5, line 50 - column 8, line 40; figure 1	1-13
A	US 6 275 692 B1 (SKOG ROBERT) 14 August 2001 (2001-08-14) column 1, line 45 - column 3, line 6	4-7, 10-13
A	EP 0 685 972 A (NOKIA MOBILE PHONES LTD) 6 December 1995 (1995-12-06) abstract	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

22 November 2004

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03/12/2004

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5303285	A	12-04-1994	FR 2662878 A1 AT 135519 T CA 2043290 A1 DE 69117814 D1 DE 69117814 T2 EP 0463384 A1 ES 2084726 T3 FI 912548 A JP 3054225 B2 JP 4233341 A NO 912040 A , B,	06-12-1991 15-03-1996 01-12-1991 18-04-1996 25-07-1996 02-01-1992 16-05-1996 01-12-1991 19-06-2000 21-08-1992 02-12-1991
US 6275692	B1	14-08-2001	AU 2647299 A CA 2319584 A1 CN 1290463 T EP 1055345 A1 WO 9941931 A1	30-08-1999 19-08-1999 04-04-2001 29-11-2000 19-08-1999
EP 0685972	A	06-12-1995	FI 942548 A DE 69532597 D1 EP 0685972 A2	01-12-1995 01-04-2004 06-12-1995